

EXPLORE[®]



PROFILE SUMMARY REPORT

KENTUCKY EPAS

2007 – 2008

CODE 00000018

TEST DATE: 09–2007

NAT'L NORM GROUP: Fall 8th Grade

INTRODUCTION

This report summarizes the performance of your students who took the EXPLORE academic assessment. The report includes only students who have valid Composite scores and who tested under standard time limits.

The information in this report is organized to assist you in addressing certain issues that are common among schools. You will see these issues stated in the form of questions at the top of each table. The questions and the information presented may assist you in drawing conclusions and making decisions about programs, policies, or educational practices in your school.

Numerous social, economic, and school factors are known to contribute to educational achievement. Relatively few of these factors are represented in this report. Conclusions about educational programs or policies at your school, based on your students' achievement, are best supported by additional sources of information.

In making decisions or drawing conclusions based on differences between groups of students, caution should be employed when using EXPLORE means if the number of students in any group is less than 25. EXPLORE means are not reported for groups with fewer than 5 students. The validity of conclusions about student groups depends in part upon the accuracy of the information that is self-reported by the students at the time of testing and was not verified by ACT.

All test score data in this report reflect the new EXPLORE score scale (effective August 2001) and are not directly comparable to data reported prior to August 2001.

The following tables are included in this report:		Page
Table 1a	How do the EXPLORE scores of our students compare with those of students nationally?	2
Table 1b	How do the EXPLORE subscores of our students compare with those of students nationally?	3
Table 1c	How do the EXPLORE scores of our students relate to the College Readiness Standards score ranges?	3
Table 2	Do our students' EXPLORE scores differ by ethnic and gender groups?	4
Table 3	How do our students' EXPLORE Composite scores and course work plans relate to their educational plans?	5
Table 4	How do our students' EXPLORE Composite scores and course work plans relate to their needs for help?	5
Table 5a	How do our students' EXPLORE Composite scores, course work plans, and postsecondary plans relate to their career preferences from the Career Areas List?.....	6
Table 5b	How do our students' EXPLORE Composite scores, course work plans, and postsecondary plans relate to their career clusters from the World-of-Work Map?	7
Table 6	How did our students respond to the local supplemental items in block H?	8

EXPLORE Profile Summary Report
KENTUCKY EPAS

CODE 00000018

Grade 8
09–2007

National Norm Group: Fall 8th Grade

TABLE 1a: How do the EXPLORE scores of our students compare with those of students nationally?

EXPLORE score	English			Mathematics			Reading			Science			Composite			EXPLORE score
	Local Freq	Local CP*	Nat'l CP*	Local Freq	Local CP*	Nat'l CP*	Local Freq	Local CP*	Nat'l CP*	Local Freq	Local CP*	Nat'l CP*	Local Freq	Local CP*	Nat'l CP*	
25	222	100	100	351	100	100	183	100	100	394	100	100	36	100	100	25
24	566	99	99	395	99	98	353	99	99	561	99	99	146	99	99	24
23	922	98	98	0	98	97	544	99	98	0	98	98	335	99	99	23
22	1176	96	96	668	98	96	837	98	97	926	98	97	597	99	98	22
21	1463	94	93	960	97	95	1141	96	95	1254	96	96	948	98	96	21
20	0	91	90	0	95	92	0	94	94	1607	93	94	1425	96	94	20
19	1599	91	86	3188	95	89	1291	94	91	1837	90	90	1984	93	90	19
18	1819	88	83	2146	88	83	3271	91	88	6641	86	84	2796	89	85	18
17	3963	84	78	5216	84	75	1852	84	85	5267	73	74	3853	83	79	17
16	1987	76	73	6027	73	64	2075	80	79	8517	62	60	4887	75	71	16
<u>15</u>	4189	72	67	6501	61	53	4482	76	73	6163	44	45	5738	65	<u>61</u>	<u>15</u>
14	4219	63	59	6191	47	41	7561	67	64	6002	31	30	6201	53	50	14
13	4134	54	50	2881	34	31	5221	51	54	4792	19	18	6025	40	37	13
12	5718	46	39	2730	28	23	5455	40	42	1697	9	10	5348	27	24	12
11	5272	34	28	4826	23	17	5479	29	29	0	5	5	3983	16	14	11
10	4485	23	18	1866	13	12	4788	18	16	1183	5	3	2188	8	7	10
9	4960	13	10	1474	9	9	2719	8	7	1	3	1	1127	4	3	9
8	920	3	5	1100	6	6	571	2	2	710	3	1	408	1	1	8
7	0	1	2	0	3	4	257	1	1	0	1	1	144	1	1	7
6	259	1	1	775	3	3	79	1	1	388	1	1	18	1	1	6
5	165	1	1	490	2	2	32	1	1	185	1	1	3	1	1	5
4	83	1	1	243	1	1	0	1	1	48	1	1	2	1	1	4
3	38	1	1	153	1	1	0	1	1	0	1	1	2	1	1	3
2	27	1	1	11	1	1	0	1	1	17	1	1	0	1	1	2
1	8	1	1	2	1	1	3	1	1	4	1	1	0	1	1	1
Mean	13.7		14.2	14.4		15.1	13.7		13.8	15.8		15.9	14.5		14.9	Mean
S.D.	4.0		4.1	3.7		4.0	3.5		3.7	3.1		3.0	3.1		3.3	S.D.
Local percentage of students in national quartiles																
National quartile	% of local	Score range	% of local	Score range	% of local	Score range	% of local	Score range	% of local	Score range	% of local	Score range	% of local	Score range	% of local	Score range
75–100%	24	17–25	27	17–25	24	16–25	27	18–25	25	17–25	25	17–25	75–100%			
50–74%	30	13–16	26	15–16	36	13–15	29	16–17	35	14–16	35	14–16	50–74%			
25–49%	23	11–12	19	13–14	23	11–12	25	14–15	13	13–13	13	13–13	25–49%			
1–24%	23	1–10	28	1–12	18	1–10	19	1–13	27	1–12	27	1–12	1–24%			

* CP = Cumulative percent of students at or below a score point.

Total Students in Report: 48194
 Total Students Tested: 48450
 Records Excluded: Extended Time: 0
 No Composite: 256
 Ext Time & No Comp: 0
 Special Status: 0

Notes: National normative data are based on students who took all four academic tests within standard time limits as part of a national study conducted in Fall 2005.

The underlined values show the national median EXPLORE Composite score and the percent of tested students at or below the national median of the norm group.

All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

Grade 8
09–2007

National Norm Group : Fall 8th Grade

TABLE 1b: How do the EXPLORE subscores of our students compare with those of students nationally?

EXPLORE subscore	Usage/Mechanics			Rhetorical Skills			EXPLORE subscore
	Freq	Local CP*	Nat'l CP*	Freq	Local CP*	Nat'l CP*	
12	552	100	100	2266	100	100	12
11	3084	99	99	0	95	99	11
10	2404	92	93	3759	95	94	10
9	9687	87	81	4446	87	85	9
8	7275	67	65	4553	78	75	8
7	6858	52	48	8846	69	63	7
6	6116	38	33	8297	50	47	6
5	4797	25	20	10816	33	28	5
4	3676	15	11	4055	11	12	4
3	2296	8	5	807	2	4	3
2	1285	3	2	295	1	1	2
1	164	1	1	54	1	1	1
Mean	7.1		7.4	6.8		6.9	Mean
S.D.	2.3		2.2	2.1		2.1	S.D.
Local percentage of students in national quartiles							
National quartile	% of local		Score range	% of local		Score range	National quartile
75–100%	33		9–12	31		8–12	75–100%
50–74%	15		8–8	18		7–7	50–74%
25–49%	27		6–7	40		5–6	25–49%
1–24%	25		1–5	11		1–4	1–24%

* CP = Cumulative percent of students at or below a score point.

Total Students in Report: 48194
 Total Students Tested: 48450
 Records Excluded: Extended Time: 0
 No Composite: 256
 Ext Time & No Comp: 0
 Special Status: 0

Notes: National normative data are based on students who took all four academic tests within standard time limits as part of a national study conducted in Fall 2005.

All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

TABLE 1c: How do the EXPLORE scores of our students relate to the College Readiness Standards score ranges?

Local percentage of students in College Readiness Standards score ranges											
CRS Range	English		Mathematics		Reading		Science		Composite		CRS Range
	Freq	% of Local	Freq	% of Local	Freq	% of Local	Freq	% of Local	Freq	% of Local	
24–25	788	2	746	2	536	1	955	2	182	0	24–25
20–23	3561	7	1628	3	2522	5	3787	8	3305	7	20–23
16–19	9368	19	16577	34	8489	18	22262	46	13520	28	16–19
13–15	12542	26	15573	32	17264	36	16957	35	17964	37	13–15
1–12	21935	46	13670	28	19383	40	4233	9	13223	27	1–12

EXPLORE Profile Summary Report
KENTUCKY EPAS

CODE 00000018

Grade 8
09–2007

National Norm Group : Fall 8th Grade

TABLE 2: Do our students' EXPLORE scores differ by ethnic and gender group?

Group	Number of students	English	Usage/ Mech	Rhet Skills	Math	Reading	Science	Composite	% Planning core*
Total sample	48194	13.7	7.1	6.8	14.4	13.7	15.8	14.5	28
African American/Black	4989	11.9	6.1	5.8	12.5	12.2	14.6	12.9	18
Amer. Indian, Alaskan Native	87	12.7	6.5	6.3	13.6	13.5	14.6	13.7	20
Caucasian Amer./White	40684	14.0	7.3	6.9	14.7	13.9	16.0	14.8	30
Mexican Amer./Chicano	901	12.2	6.3	6.0	13.4	12.7	15.1	13.5	23
Asian Amer, Pacific Islander	437	15.4	8.1	7.4	16.8	15.1	17.5	16.3	30
Puerto Rican, Cuban, Hispanic	95	11.8	5.9	5.8	12.7	12.0	14.7	12.9	22
Multiracial	76	12.9	6.6	6.4	13.6	12.8	15.3	13.8	22
Other	680	13.1	6.8	6.4	13.9	13.3	15.5	14.1	25
Prefer not to respond	49	11.5	5.8	5.9	12.7	12.3	14.1	12.8	22
Males	24858	13.1	6.7	6.5	14.3	13.3	15.5	14.2	27
African American/Black	2539	11.3	5.7	5.6	12.3	11.8	14.2	12.5	18
Amer. Indian, Alaskan Native	50	11.8	5.9	6.0	13.2	12.9	13.9	13.1	23
Caucasian Amer./White	21050	13.3	6.8	6.6	14.5	13.5	15.7	14.4	28
Mexican Amer./Chicano	449	11.7	5.9	5.7	13.2	12.1	14.6	13.0	23
Asian Amer, Pacific Islander	227	15.1	7.9	7.3	16.9	14.8	17.2	16.1	29
Puerto Rican, Cuban, Hispanic	51	11.5	5.6	5.6	12.5	11.5	14.4	12.5	19
Multiracial	38	12.2	5.8	6.4	14.0	12.5	14.9	13.6	19
Other	333	12.7	6.5	6.3	13.9	13.0	15.2	13.8	26
Prefer not to respond	27	10.5	5.1	5.3	12.0	11.1	13.3	11.8	17
Females	23295	14.4	7.6	7.1	14.5	14.2	16.2	14.9	29
African American/Black	2449	12.5	6.5	6.1	12.7	12.7	15.0	13.3	17
Amer. Indian, Alaskan Native	37	14.1	7.4	6.7	14.2	14.4	15.5	14.6	17
Caucasian Amer./White	19617	14.7	7.7	7.2	14.8	14.4	16.3	15.2	31
Mexican Amer./Chicano	451	12.8	6.6	6.3	13.5	13.3	15.5	13.9	24
Asian Amer, Pacific Islander	210	15.6	8.2	7.6	16.7	15.5	17.8	16.5	32
Puerto Rican, Cuban, Hispanic	44	12.3	6.2	5.9	12.9	12.5	15.0	13.3	26
Multiracial	38	13.6	7.4	6.4	13.2	13.1	15.7	14.0	24
Other	347	13.5	7.1	6.6	13.8	13.6	15.7	14.2	25
Prefer not to respond	22	12.8	6.6	6.6	13.5	13.9	15.1	14.0	27

* College core course work: 4 or more years of English and 3 or more years each of mathematics, social studies and natural science

Total Students in Report: 48194
 Total Students Tested: 48450
 Records Excluded: Extended Time: 0
 No Composite: 256
 Ext Time & No Comp: 0
 Special Status: 0

Note: All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

EXPLORE Profile Summary Report
KENTUCKY EPAS

CODE 00000018

Grade 8
09-2007

National Norm Group : Fall 8th Grade

TABLE 3: How do our students' EXPLORE Composite scores and course work plans relate to their educational plans?

Educational plans category	Number of students	Percent of all students responding	Percent planning college core course work*	Mean Composite score	Percent in national Composite score quartiles			
					1-24%	25-49%	50-74%	75-100%
Do not plan to finish high school	302	1	15	11.0	81	9	10	1
No training planned after high school	942	2	22	12.0	63	13	20	5
Job training in the military services	2186	5	24	12.8	51	15	26	9
Apprentice / job training	881	2	25	12.7	52	15	24	9
Career / technical school	2107	4	26	13.3	41	15	32	12
2-year / junior college	2223	5	23	13.2	42	16	33	9
4-year college / university	13154	27	28	14.8	22	12	38	27
Graduate/Professional Studies	17094	35	33	15.6	16	11	37	36
Undecided	4989	10	24	14.3	27	15	37	21
Other plans	2410	5	18	12.8	51	15	26	8
No response	1906	4	28	13.6	39	13	31	18

TABLE 4: How do our students' EXPLORE Composite scores and course work plans relate to their expressed needs for help?

Need area	Number of students responding	Students expressing a need for help							
		Number of students	Percent of all students responding	Percent planning college core course work*	Mean Composite score	Percent in national Composite score quartiles			
						1–24%	25–49%	50–74%	75–100%
Exploring options after high school	48194	15847	33	28	15.0	24	11	34	31
Improving writing skills	48194	13918	29	26	14.2	31	14	35	20
Improving reading speed or comprehension	48194	12087	25	26	13.6	37	16	35	13
Improving study skills	48194	17491	36	26	14.3	29	14	36	21
Improving mathematical skills	48194	16028	33	25	13.8	35	14	34	17
Improving computer skills	48194	9463	20	28	14.4	30	13	34	24
Improving public speaking skills	48194	17031	35	28	15.0	22	12	37	29

* College core course work: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science.

Total Students in Report: 48194
 Total Students Tested: 48450
 Records Excluded: Extended Time: 0
 No Composite: 256
 Ext Time & No Comp: 0
 Special Status: 0

Note: All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

Grade 8

National Norm Group: Fall 8th Grade

09–2007

TABLE 5a: How do our students' EXPLORE Composite scores, course work plans, and postsecondary plans relate to their career preferences from the Career Areas List?

Career preference category from Career Areas List	Number of students			Percent planning college core course work*	Percent by educational plans					Mean Composite score
	Male	Female	Total		No HS/No training	Job train/ Appren	Career/ Tech/ 2 yr coll.	4 yr coll. or more	Other/ Undecided	
ADMINISTRATION & SALES	3434	979	4418	24	5	17	9	50	18	13.4
Employment–Related Services	329	155	485	16	9	15	11	39	22	12.5
Marketing & Sales	628	219	848	23	6	9	10	58	17	13.5
Management	866	315	1183	22	4	8	12	57	19	13.6
Regulation & Protection	1611	290	1902	29	3	26	7	46	17	13.5
BUSINESS OPERATIONS	532	401	936	24	5	6	10	64	15	13.8
Communications & Records	165	245	410	22	6	5	11	62	15	13.6
Financial Transactions	265	123	391	27	3	5	8	73	11	14.5
Distribution & Dispatching	102	33	135	23	4	10	12	44	27	12.6
TECHNICAL	8008	1703	9721	25	5	13	18	41	23	13.7
Transport Operation & Related	916	58	975	29	7	26	13	33	21	13.4
Agriculture, Forestry & Related	900	656	1558	23	6	9	13	45	25	13.9
Computer & Information Specialties	1605	255	1862	24	2	5	18	53	21	14.7
Construction & Maintenance	1410	58	1471	28	9	15	20	34	23	13.2
Crafts & Related	488	518	1006	26	3	7	13	54	22	14.0
Manufacturing & Processing	491	47	538	27	8	19	22	29	22	12.8
Mechanical & Electrical Specialties	2198	111	2311	24	5	16	25	32	22	13.2
SCIENCE & TECHNOLOGY	6269	8045	14322	31	1	3	5	82	9	15.5
Engineering & Technologies	2746	288	3035	28	2	7	10	68	13	15.5
Natural Science & Technologies	1061	1009	2070	28	1	3	4	78	14	15.8
Medical Technologies	762	1467	2229	33	0	1	3	90	5	15.5
Medical Diagnosis & Treatment	1450	4940	6395	33	0	1	3	89	7	15.5
Social Science	250	341	593	28	1	7	6	73	13	15.3
ARTS	2584	4604	7191	28	2	3	9	62	23	15.0
Applied Arts (Visual)	814	1817	2632	28	2	4	10	60	24	15.0
Creative & Performing Arts	1517	2460	3979	27	3	3	9	61	24	14.9
Applied Arts (Written & Spoken)	253	327	580	35	1	3	4	78	14	15.9
SOCIAL SERVICE	2081	5989	8075	31	2	3	7	77	12	14.6
Health Care	381	1939	2322	29	1	2	6	80	10	14.4
Education	660	1833	2495	33	1	2	6	78	13	15.0
Community Services	843	1560	2403	33	1	3	4	85	7	14.9
Personal Services	197	657	855	27	6	6	21	37	29	13.3
NO RESPONSE	1950	1574	3531	22	2	4	5	31	9	13.6

* College core course work: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science.

Total Students in Report: 48194
 Total Students Tested: 48450
 Records Excluded: Extended Time: 0
 No Composite: 256
 Ext Time & No Comp: 0
 Special Status: 0

Note: All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

EXPLORE Profile Summary Report
KENTUCKY EPAS
Grade 8
09–2007

CODE 00000018

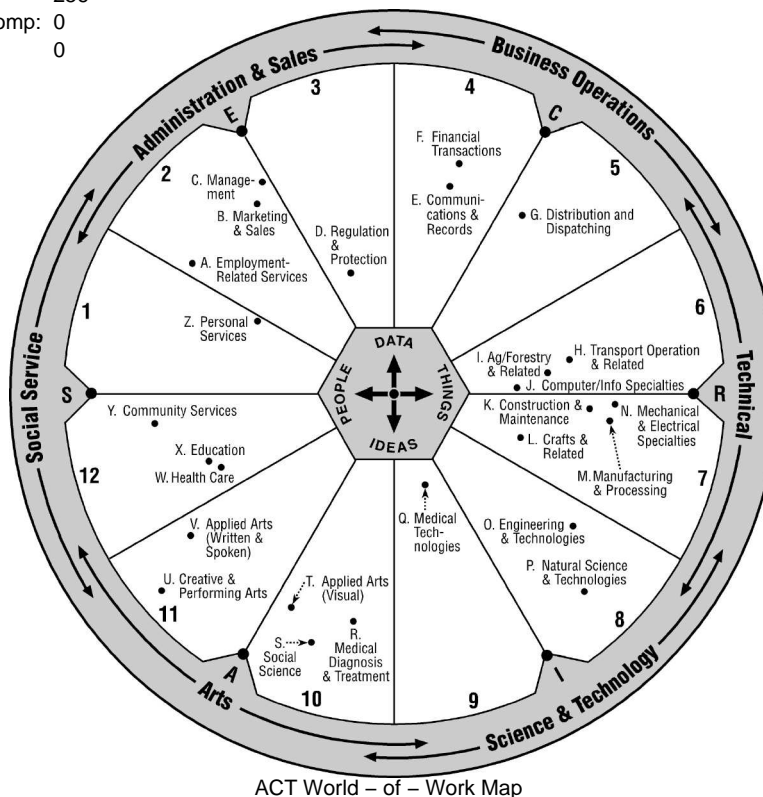
National Norm Group: Fall 8th Grade

TABLE 5b: How do our students' EXPLORE Composite scores, course work plans, and postsecondary plans relate to their career clusters from the World-of-Work Map?

Career cluster category from Interest Inventory	Number of students			Percent planning college core course work*	Percent by educational plans					Mean Composite score	
	Male	Female	Total		No HS/No training	Job train/ Appren	Career/ Tech/ 2 yr coll.	4 yr coll. or more	Other/ Undecided		
First career cluster (Map regions)											
Social Service (01,12)	2034	4688	6730	30	1	4	6	75	12	14.9	
Administration & Sales (02–03)	2324	2928	5253	30	2	5	8	71	11	14.5	
Business Operations (04–05)	4746	1971	6725	26	5	10	14	49	18	13.6	
Technical (06–07)	7272	3371	10651	27	4	9	11	55	18	14.5	
Science & Technology (08–09)	4738	5874	10615	29	2	4	7	69	15	15.3	
Arts (10–11)	1261	2337	3601	29	2	4	8	67	16	14.8	
Second career cluster (Map regions)											
Social Service (01,12)	1149	2150	3302	29	2	4	7	69	15	14.8	
Administration & Sales (02–03)	1095	2616	3714	31	1	4	5	79	9	15.0	
Business Operations (04–05)	1488	1981	3470	30	2	5	9	71	11	14.5	
Technical (06–07)	4242	1550	5800	26	6	11	14	47	19	13.4	
Science & Technology (08–09)	6036	2990	9034	28	3	8	10	60	16	14.7	
Arts (10–11)	5376	6941	12321	28	2	5	8	67	16	15.1	
No Region	2055	1837	3899	28	0	0	0	0	0	13.8	

* College core course work: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science.

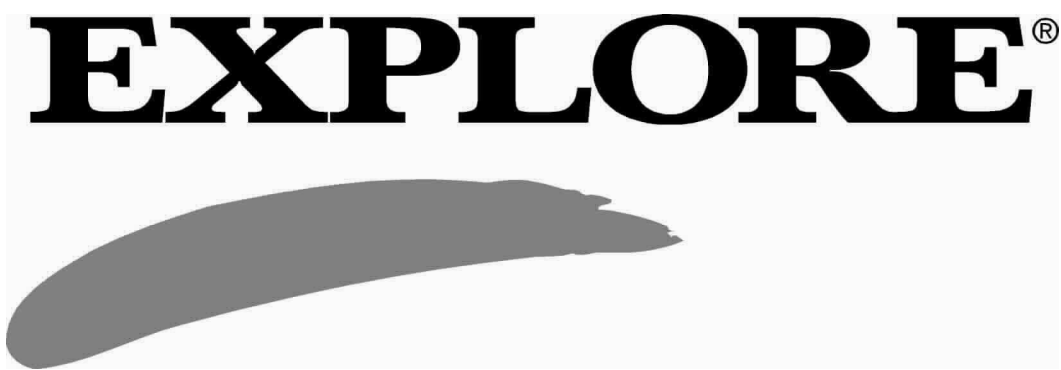
Total Students in Report: 48194
Total Students Tested: 48450
Records Excluded: Extended Time: 0
No Composite: 256
Ext Time & No Comp: 0
Special Status: 0



Grade 8
09–2007**TABLE 6: How did our students respond to the local supplemental items in block H?**

Local item	Student response									
	A		B		C		D		E	
	N	%	N	%	N	%	N	%	N	%
1	526	1%	166	0%	21	0%	30	0%	5	0%
2	362	1%	269	1%	53	0%	22	0%	5	0%
3	59	0%	118	0%	340	1%	17	0%	12	0%
4	99	0%	198	0%	151	0%	68	0%	27	0%
5	56	0%	118	0%	141	0%	130	0%	96	0%
6	67	0%	121	0%	125	0%	128	0%	104	0%
7	44	0%	91	0%	142	0%	157	0%	115	0%
8	33	0%	92	0%	135	0%	165	0%	115	0%
9	22	0%	54	0%	125	0%	160	0%	165	0%
10	24	0%	62	0%	114	0%	166	0%	153	0%
11	31	0%	92	0%	58	0%	151	0%	190	0%
12	134	0%	68	0%	45	0%	60	0%	208	0%

Total Students in Report: 48194
 Total Students Tested: 48450
 Records Excluded: Extended Time: 0
 No Composite: 256
 Ext Time & No Comp: 0
 Special Status: 0



PRESENTATION PACKET

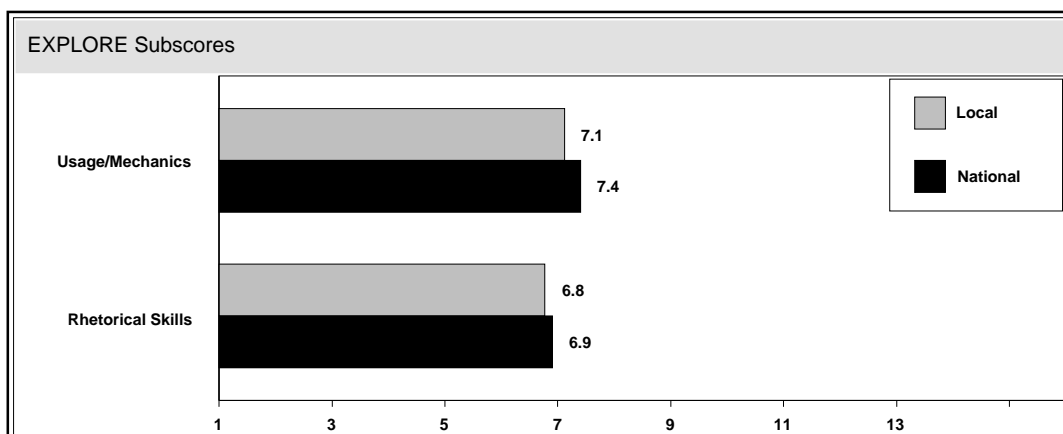
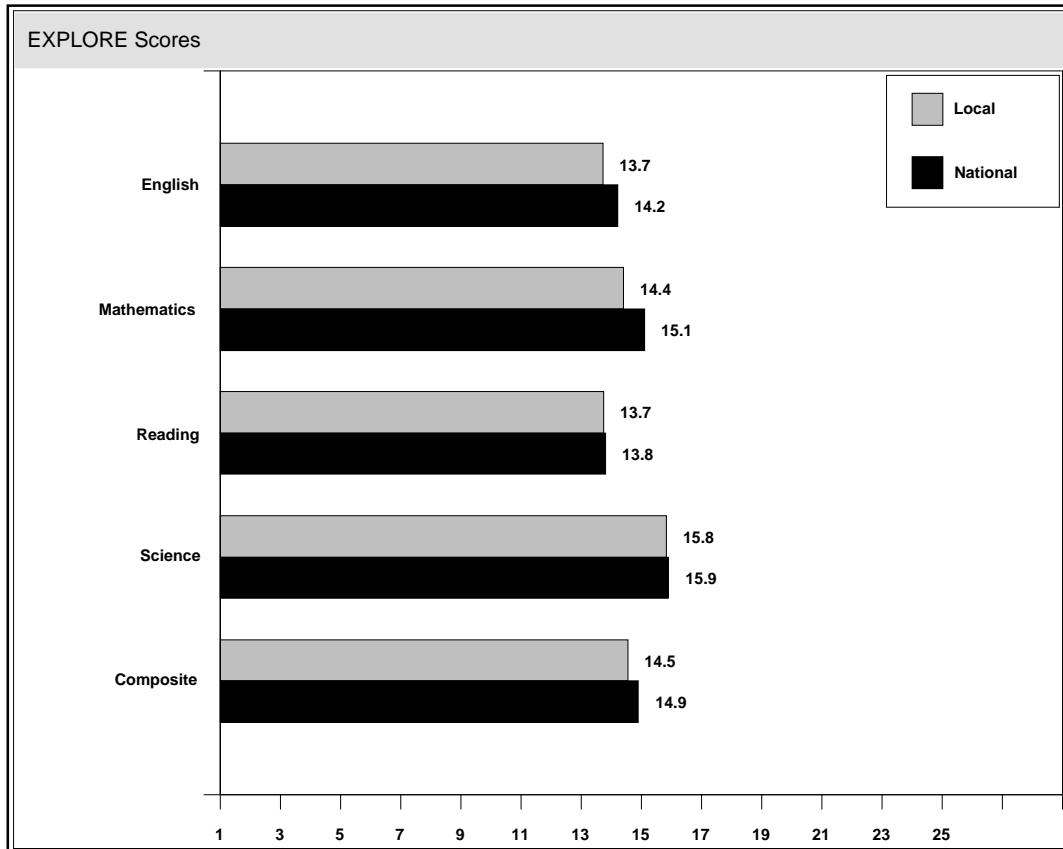
KENTUCKY EPAS

2007 – 2008

CODE 00000018

TEST DATE: 09–2007

NAT'L NORM GROUP: Fall 8th Grade

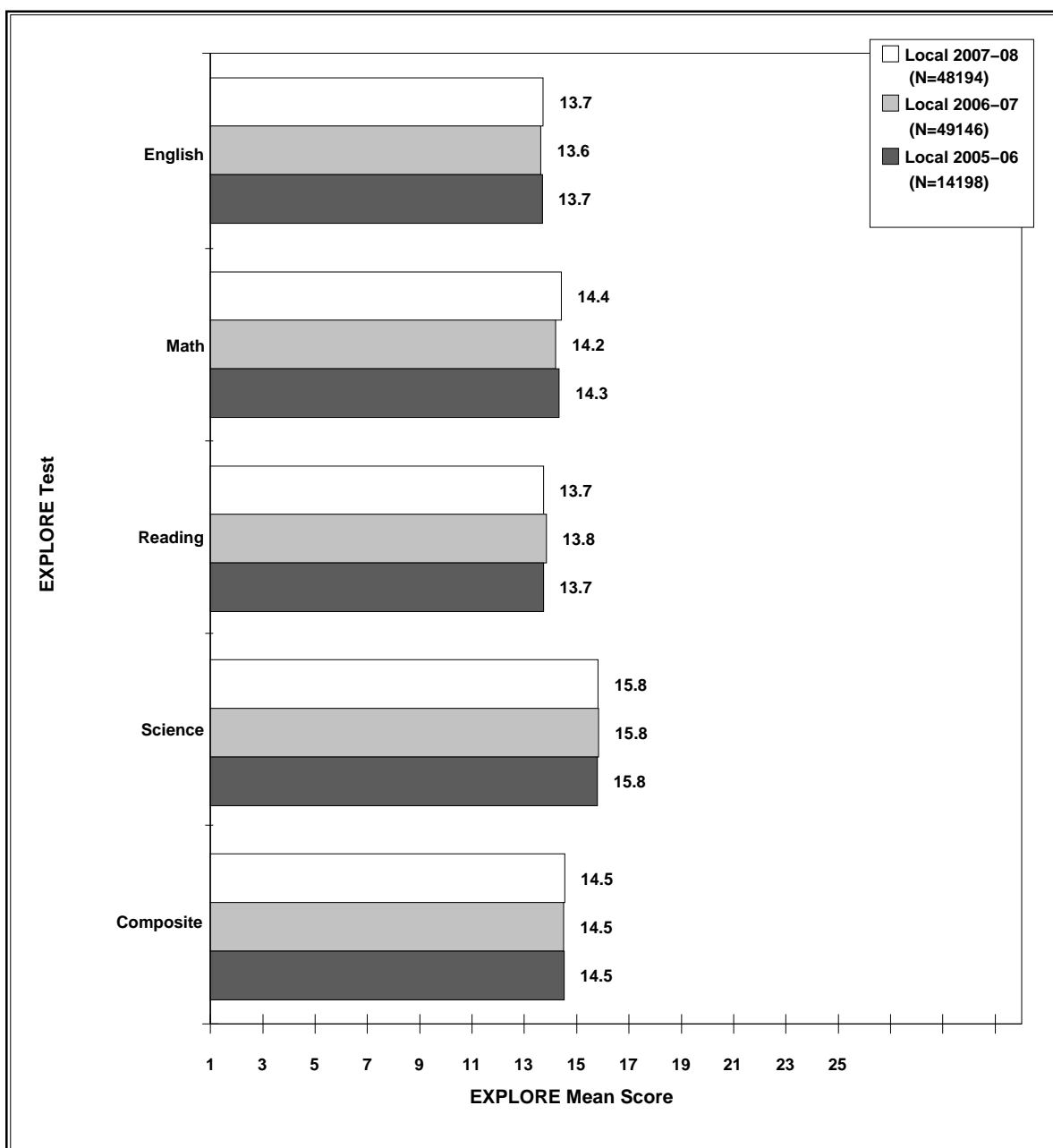
Chart 1: How does our students' performance compare with that of students in the national norm group?

Total students in report: 48194

This chart shows how the average score performance of our students compares with that of students nationwide.

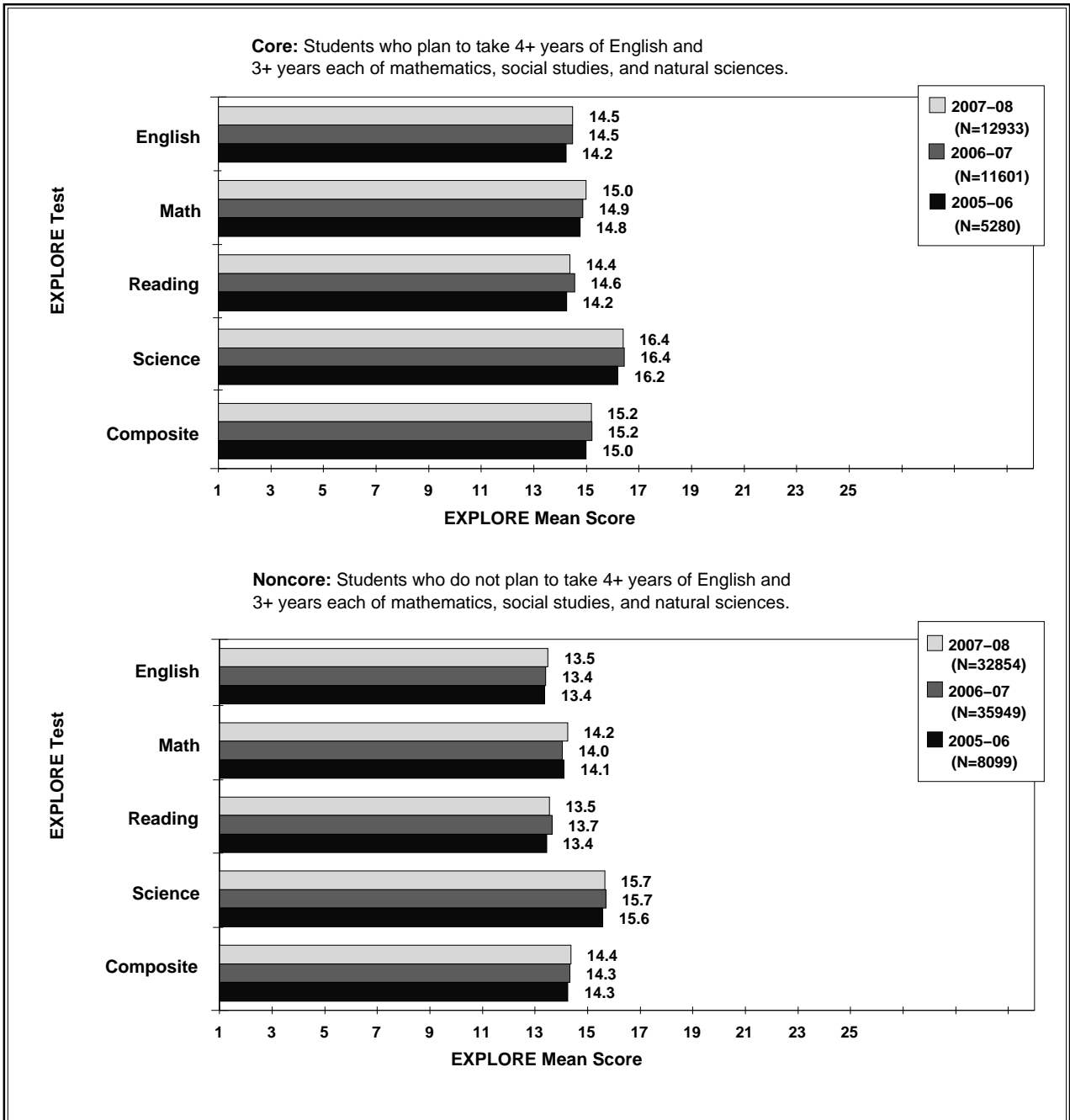
Grade 8
09-2007

National Norm Group : Fall 8th Grade

Chart 2. Is the academic achievement of our students improving?

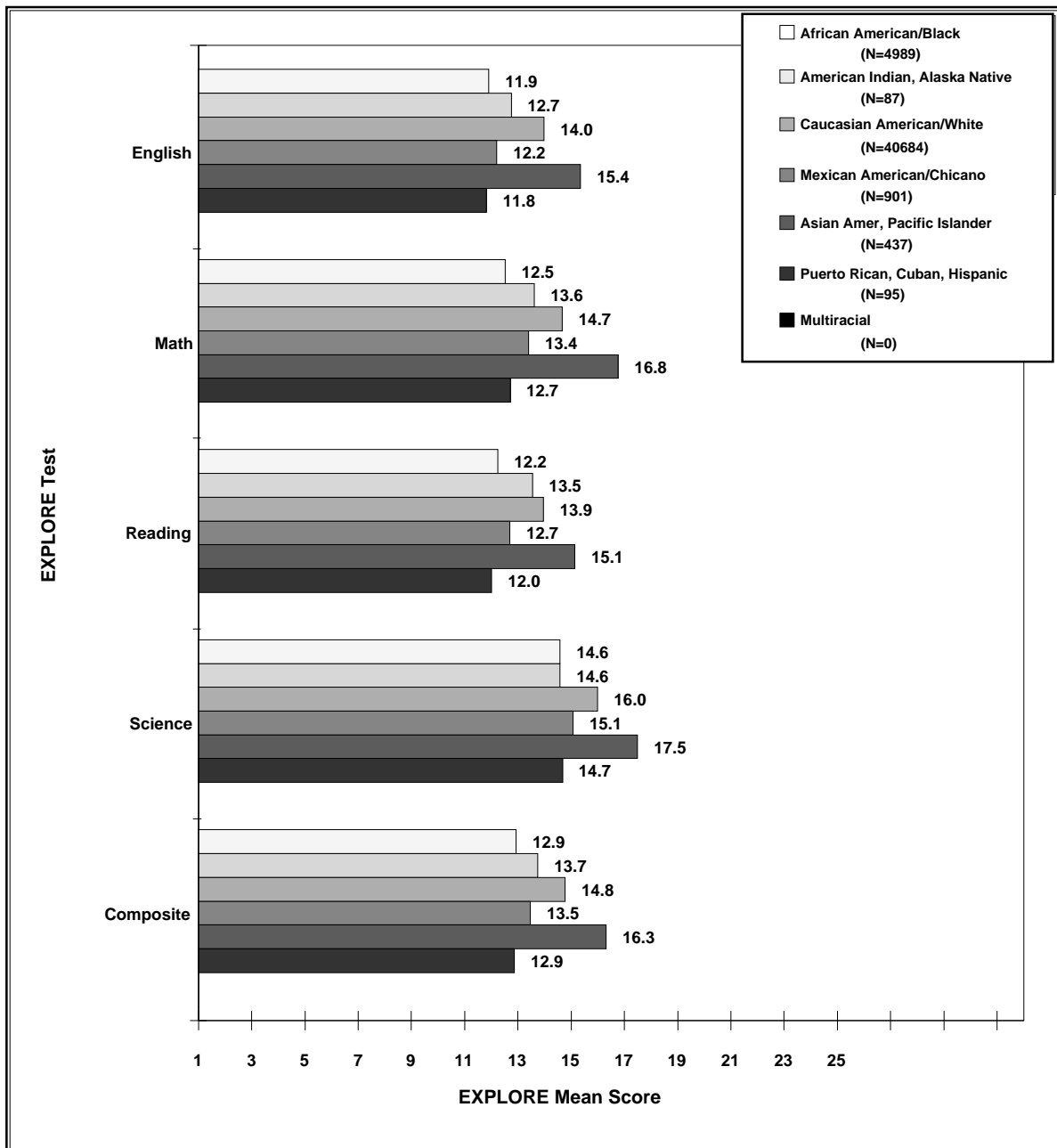
Total students in report: 48194

This chart shows the average performance of our students for the past three years. Results are shown for groups of 5 or more students.

Chart 3. Are our students adequately preparing themselves to be successful?

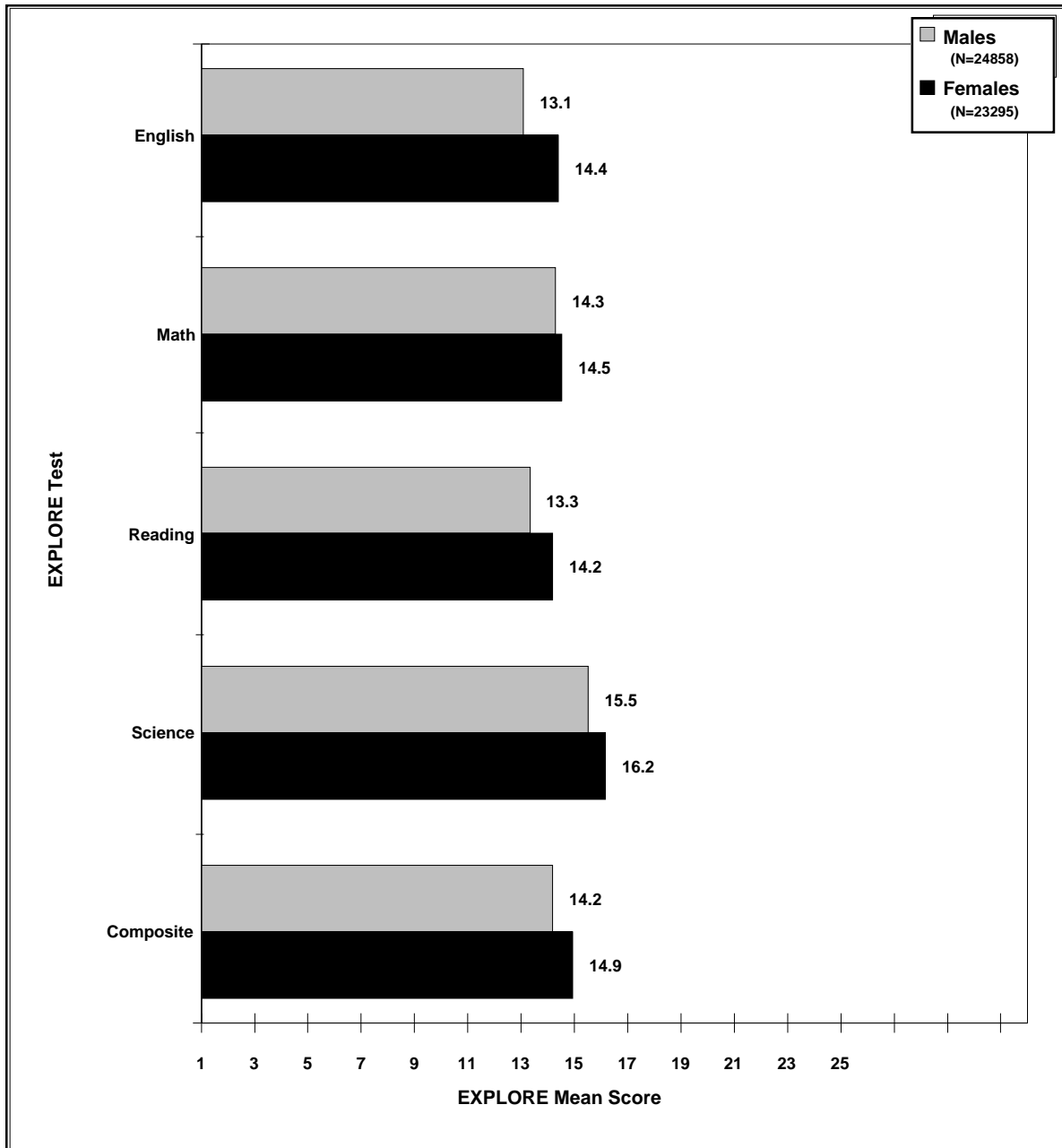
Total students in report: 48194

This chart shows the average performance of our students for the past three years by planned course work (core or noncore). Results are shown for groups of 5 or more students.

**Chart 4. Are our students achieving similarly
across racial/ethnic groups?**

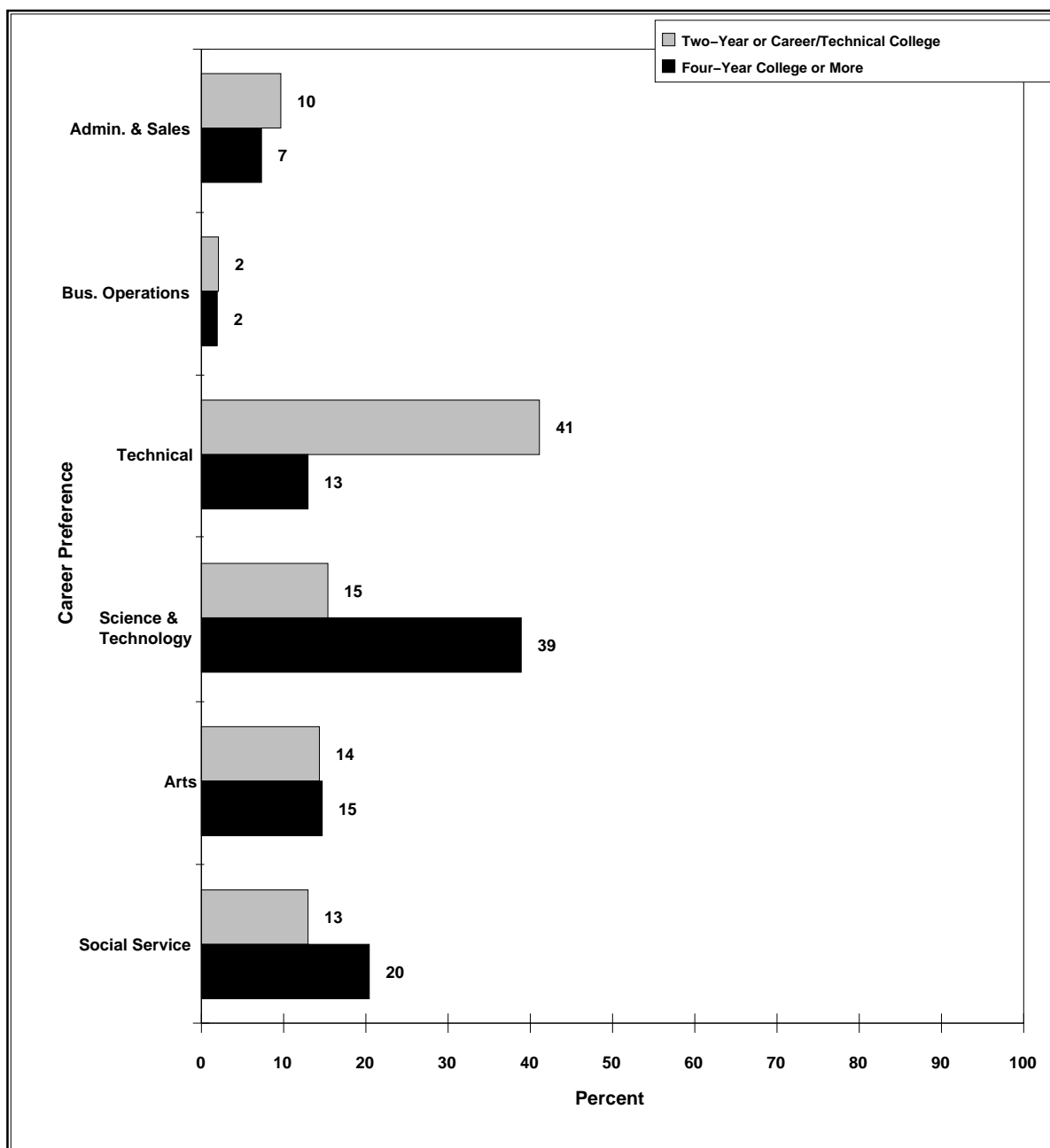
Total students in report: 48194

This chart shows our students' EXPLORE performance by race/ethnicity. Results are shown for groups of 5 or more students.

**Chart 5. Are our students achieving similarly
across gender groups?**

Total students in report: 48194

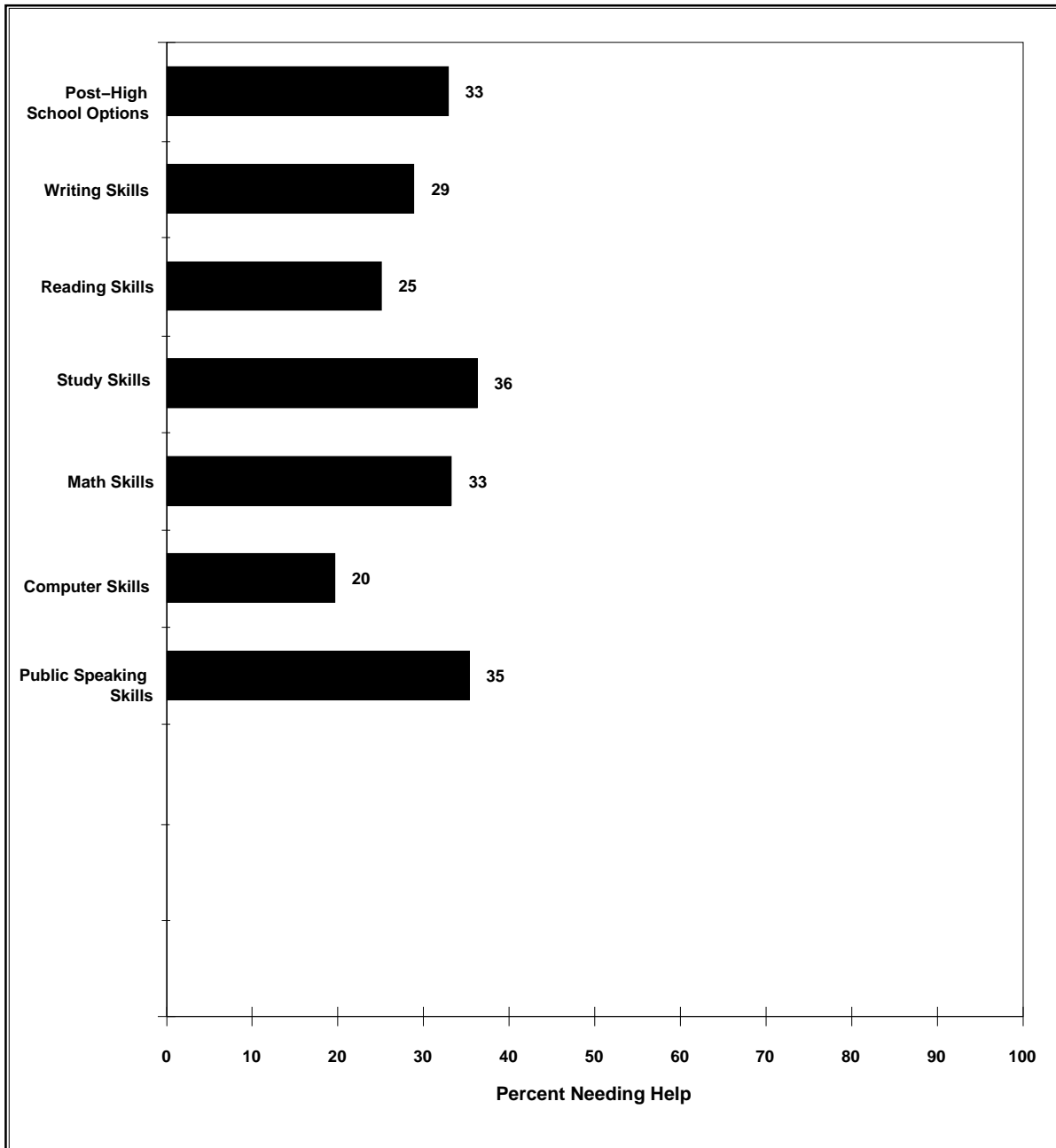
This chart shows our students' EXPLORE performance by gender. Results are shown for groups of 5 or more students.

Chart 6. How do our students differ in their career preferences?

Total students in report: 48194

This chart compares the career preferences of our students who plan to attend either a two-year or career/technical college with those who plan to attend at least a four-year college.

Chart 7. What percentage of our students reported needing help in particular areas?



Total students in report: 48194

This chart shows the percentages of our students who reported needing help in these areas.